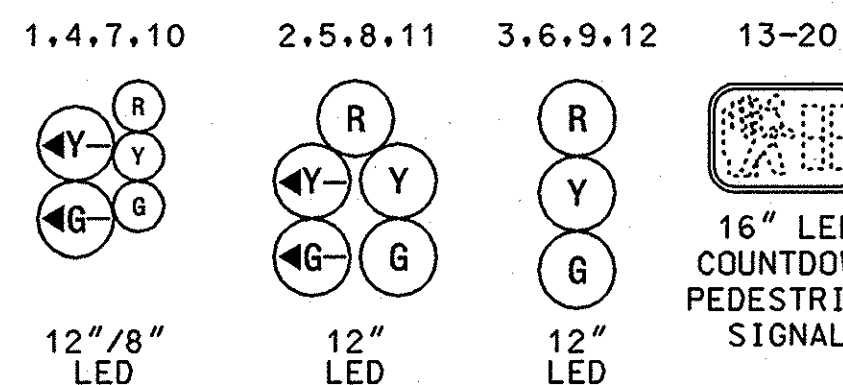


MD 45 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

ENLARGEMENT 'A'
SCALE: 1" = 10'

PROPOSED
SIGNAL HEADS

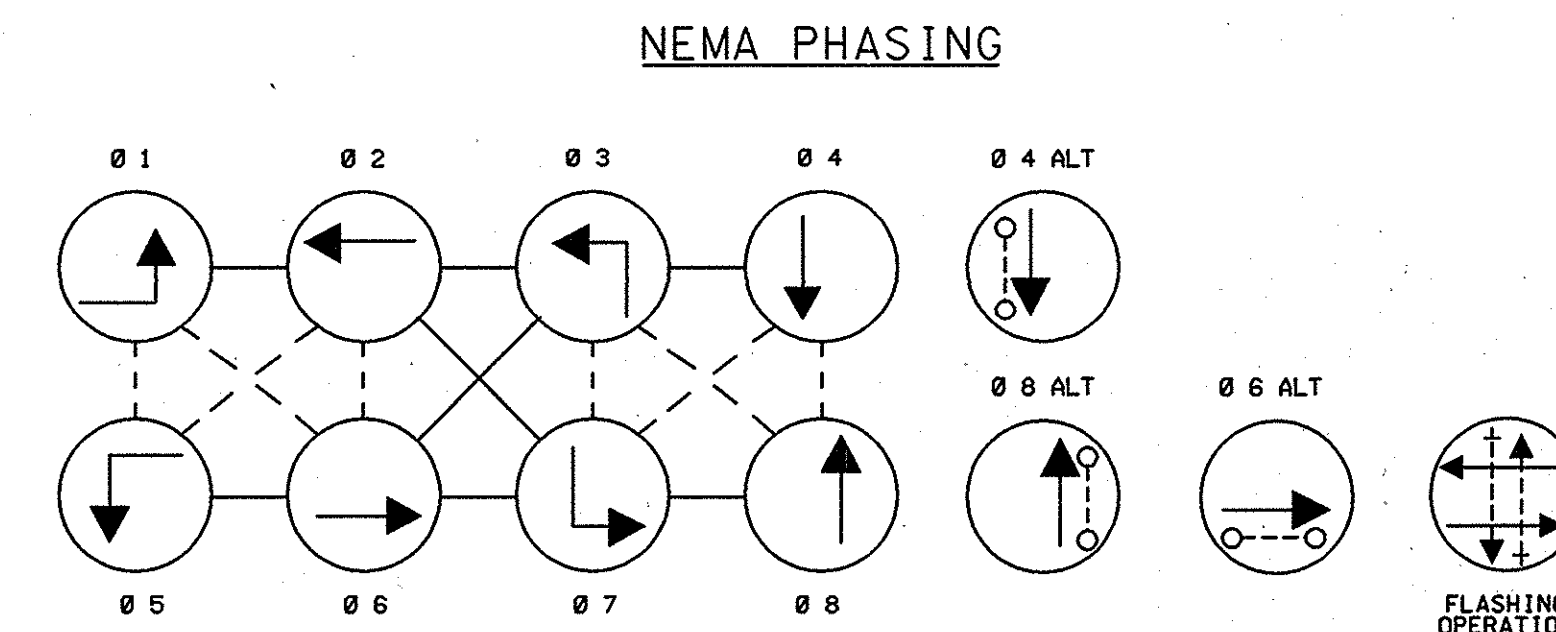
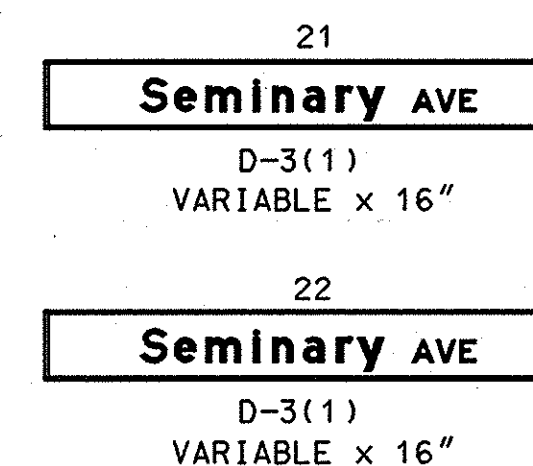


EXISTING VIDEO DETECTION
CAMERAS TO BE RELOCATED

A,B,C,D



PROPOSED SIGNS



PHASING NOTES:

- PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
- PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.

GEOMETRIC LEGEND

- EXISTING GEOMETRICS
- PROPOSED GEOMETRICS
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY

CONSTRUCTION DETAILS

- INSTALL 27 FT. STEEL POLE WITH A SINGLE 50 FT. MAST ARM, LED TRAFFIC SIGNAL HEADS, LED COUNTDOWN PEDESTRIAN SIGNAL HEADS, 3 IN. WEATHERHEAD, VIDEO DETECTION CAMERA MOUNTED ON MAST ARM, 15 FT. LIGHTING ARM AND LUMINAIRE (WITH PHOTOCELL), AND SIGNS. (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BENDS IN POLE BASE).
INSTALL APS PUSHBUTTON AND R10-4(1) SIGN (TO READ "PUSH BUTTON TO CROSS YORK ROAD").
- INSTALL 21 FT. STEEL POLE WITH A SINGLE 50 FT. MAST ARM, LED TRAFFIC SIGNAL HEADS, LED COUNTDOWN PEDESTRIAN SIGNAL HEADS, VIDEO DETECTION CAMERA MOUNTED ON MAST ARM, AND SIGNS. (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BENDS IN POLE BASE).
INSTALL APS PUSHBUTTON AND R10-4(1) SIGN (TO READ "PUSH BUTTON TO CROSS SEMINARY AVE").
- INSTALL 27 FT. STEEL POLE WITH A SINGLE 50 FT. MAST ARM, LED TRAFFIC SIGNAL HEADS, LED COUNTDOWN PEDESTRIAN SIGNAL HEADS, VIDEO DETECTION CAMERA MOUNTED ON MAST ARM, 20 FT. LIGHTING ARM AND LUMINAIRE (WITH PHOTOCELL), AND SIGNS. (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BENDS IN POLE BASE).
INSTALL APS PUSHBUTTON AND R10-4(1) SIGN (TO READ "PUSH BUTTON TO CROSS YORK ROAD").
- INSTALL 27 FT. STEEL POLE WITH A SINGLE 50 FT. MAST ARM, LED TRAFFIC SIGNAL HEADS, LED COUNTDOWN PEDESTRIAN SIGNAL HEADS, VIDEO DETECTION CAMERA MOUNTED ON MAST ARM, AND SIGNS. (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BENDS IN POLE BASE).
- INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER WITH CONCRETE PAD. (INSTALL 2-2 IN. AND 2-4 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BENDS IN CABINET BASE).
- INSTALL HANDHOLE.
- INSTALL 4 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT (SLOTTED).
- INSTALL 4 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT (TRENCHED).
- PROPOSED UNDERGROUND ELECTRICAL SERVICE BY BGE FORCES. METERED PEDESTAL POLE INSTALLED BY CONTRACTOR.
- DISCONNECT EXISTING OVERHEAD ELECTRICAL SERVICE.
- REMOVE EXISTING SIGNAL POLE, MAST ARM, TRAFFIC SIGNAL HEADS, PEDESTRIAN SIGNAL HEAD, SIGNS, AND RELOCATE EXISTING VIDEO DETECTION CAMERAS LOCATED ON POLE OR MAST ARM. REMOVE FOUNDATION 12 IN. BELOW GRADE.
- REMOVE EXISTING PEDESTAL POLE, PEDESTRIAN SIGNAL HEAD, AND SIGNS. REMOVE FOUNDATION 12 IN. BELOW GRADE.
- REMOVE EXISTING BASE MOUNTED CONTROLLER AND CABINET. REMOVE FOUNDATION 12 IN. BELOW GRADE.
- REMOVE EXISTING HANDHOLE.
- CAP AND ABANDON EXISTING CONDUIT.
- ABANDON EXISTING LOOP DETECTOR.
- INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH APS PUSHBUTTON AND R10-4(1) SIGN (TO READ "PUSH BUTTON TO CROSS YORK ROAD") (INSTALL 1-4 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN POLE BASE). CUT TOP OF POLE AS NECESSARY.
- INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH APS PUSHBUTTON AND R10-4(1) SIGN (TO READ "PUSH BUTTON TO CROSS SEMINARY AVE") (INSTALL 1-4 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN POLE BASE). CUT TOP OF POLE AS NECESSARY.
- INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH APS PUSHBUTTON AND R10-4(1) SIGN (TO READ "PUSH BUTTON TO CROSS SEMINARY AVE") (INSTALL 1-4 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN POLE BASE). CUT TOP OF POLE AS NECESSARY. DO NOT INSTALL UNTIL EXISTING SIGNAL POLE AND MAST ARM HAVE BEEN REMOVED.

GENERAL NOTES

- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
- SHA FORCES SHALL REMOVE THE CONTROLLER AND ALL AUXILIARY EQUIPMENT FROM THE CONTROLLER CABINET. THE CABINET AND ALL OTHER MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

SPECIAL NOTES

- VIDEO DETECTION ZONES SHALL BE ADJUSTED THROUGHOUT CONSTRUCTION OF THE MD 45 WIDENING PROJECT (BA7065171). THE FINAL DETECTION ZONES FOR LEFT-TURNS WILL BE ESTABLISHED AT THE COMPLETION OF THE WIDENING PROJECT WHEN FINAL PAVEMENT MARKINGS ARE IN PLACE.
- MICROLOOP PROBE SETS SHALL BE INSTALLED IN FINAL MD 45 TRAVEL LANE LOCATIONS IMMEDIATELY PRIOR TO THE FINAL MD 45 PAVEMENT OVERLAY (SEE FINAL SIGNAL PLAN).
- COVER PEDESTRIAN SIGNAL HEADS 13 AND 16 AND SIGNS/PUSHBUTTONS 30 AND 31 UNTIL FINAL PAVEMENT MARKINGS ARE APPLIED.
- EXISTING PAVEMENT MARKINGS ARE SHOWN. SEE FINAL SIGNING AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- NEW INTERCONNECT SHALL BE INSTALLED DURING PHASE 1 PRIOR TO REMOVING EXISTING INTERCONNECT.

APPROVALS	REVISIONS
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

GREENLINE REVISION NO. 1 PHASE 1

STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION MARYLAND 45 (YORK ROAD) WIDENING CAVAN DRIVE TO RIDGELY ROAD	
SIGNALIZATION PLAN - MD 45 at MD 131 (Seminary Avenue)	
SCALE 1" = 20' DATE 5/78 CONTRACT NO. BA7065171	
DESIGNED BY G. HARRIS	COUNTY BALTIMORE
DRAWN BY G. HARRIS	LOGMILE 03004503.67
CHECKED BY	T.I.M.S. NO.
F.A.P. NO. SEE TITLE SHEET	TOD NO.
DRAWING NO. SS-03 OF SS-25	SHEET NO. 71 OF 137

PLOTTED: THURSDAY, APRIL 19, 2007 AT 01:15 PM
FILE: G:\4674\10\DESIGN\ENGINEERING\PLANSET\SS03MD45 - GREENLINE NO.1.DGN

BY: JE HARKNESS

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